QUALITY CONTROL

Name of the Work:	Deseltind and reselting of footpath slabs from Dasarahalli Main Road in Ward No.13
Job No:	013-13-000143
Work order No:	146/14-15 D:28.07.2014
BR No:	626/28.10.2014

On verification of quality control test reports available in the file and also from inspection report of Technical Team Deployed for this purpose generally the work executed is satisfactory. Compliance of Quality Control Test Reports as per MORT&H at this stage is not feasible since this work was executed one years back.

Assistant Executive Engineer
Shettyhalli Sub Division
Bruhat Bengaluru Mahanagara Palike

Executive Engineer
Dasarahalli Division, Dasarahalli Zone
Bruhat Bengaluru Mahanagara Palike

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JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/W.No.13/KRIDL/CEMENT/2013-14

Date: 09.08.2014

TEST REPORT

CLIENT	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
AGENCY	:	**Technical Manager (West),** KRIDL, Bangalore.
NAME OF THE WORK	:	Reserve fund for Emergency work in Ward No.13 (Desilting & Resetting of footpath slabs from Dasaragalli main road in ward No.13, Shettyhalli Sub Division), , BBMP, Bangalore.
REFERENCE	:	BBMP/AEE/SSD/DZ/PR/2014-15 Dated: 04.08.2014
SAMPLE ID	:	CEMENT
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 1989-2013
1	Standard Consistency	IS-4031 (Part -4)	31.00 %	-
2	a) Initial Setting Time	IS-4031 (Part -5)	155 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	485 Minutes	Not More than 600 Minutes
3	Soundness by the Le-Chatelier method	IS-4031 (Part 3)	1 mm	Not more than 10 mm

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

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4th Block, Shakthiganapathinagara,
Basaveshwaranagar,
Bangalore-560079.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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Job No.: CTCE/BBMP/W.No.13/KRIDL/SAND/2014-15 : 09.08.2014

TEST REPORT ON FINE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.

Agency : **Technical Manager (West),** KRIDL, Bangalore.

Name of Work : Reserve fund for Emergency work in Ward No.13 (Desilting & Resetting of footpath slabs from Dasaragalli main road in ward No.13, Shettyhalli Sub Division), , BBMP, Bangalore.

Reference : BBMP/AEE/SSD/DZ/PR/2014-15 Dated: 04.08.2014

Date of Testing : 09.08.2014

Material : Sand

Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	59	5.90	5.90	94.1	90-100
2.36	170	17.00	22.90	77.1	75-100
1.18	158	15.80	38.70	61.3	55-90
600 Micron	198	19.80	58.50	41.5	35-59
300 Micron	150	15.00	73.50	26.5	8-30
150 Micron	190	19.00	92.50	7.5	0-10

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Job No.: CTCE/BBMP/W.No.13/KRIDL/Pre slab/2014-15

12.08.201

TEST REPORT ON CONCRETE CORE (PRE CAST SLAB)

Name of Client	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
Name of Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
Name of work	:	Reserve fund for Emergency work in Ward No.13 (Desilting & Resetting of footpath slabs from Dasaragalli main road in ward No.13, Shettyhalli Sub Division), , BBMP, Bangalore.
Referece	:	BBMP/AEE/SSD/DZ/PR/2014-15 Dated: 04.08.2014
No.of Sample Tested	:	03
Date of Testing	:	12.08.2014
Techinical Reference	:	IS:516-1959 (Reaffirmed 2008), SP-24:1983.
Grade of Concrete	:	M_{20}

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	77.00	0.380	2513.41	1.54	0.955	32.00	16.30	17.60	16.81	21.01
2	50.00	78.00	0.386	2520.36	1.56	0.960	33.00	16.81	18.15	17.43	21.78
3	50.00	79.00	0.394	2540.03	1.58	0.965	33.50	17.06	18.43	17.78	22.23

Note:

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